

Progress report March 2, 2015

Grant Number 7310003

Title: Biomass Reforestation for Boreal Forest

Grantee: Alaska Division of Forestry

Reporting period: September 30, 2014 to December 31, 2014

Deliverables submitted:

Progress report

Budget:

Expenditures

Personnel and travel costs for evaluation of 2014 plantations. Although evaluation occurred in September, costs were recorded on accounting system after October 1.

Matching funding provided to University of Alaska Fairbanks for fall 2014 work (\$4,567).

Schedule Status: We are currently on schedule with updated schedule.

Percent Completion:

| Milestone | Task | | Start Date | End Date | Grant Funds | Match Funds | Total Budget | Deliverables | Percent Completed |
|--|------|---|------------|----------|-------------|-------------|--------------|---------------------------------|-------------------|
| | 1 | Select field sites | Dec-13 | Mar-13 | \$ 533 | \$ 533 | \$ 1,065 | Written agreements for site use | 100 |
| | 2 | Finalize planting design | Jan-13 | Mar-13 | \$ 256 | \$ 256 | \$ 511 | Planting designs | 100 |
| MS 1: AEA accepts site agreements and final planting designs | | | | | | | | | |
| | 3 | Collect and store cuttings | Mar-13 | Mar-13 | \$ 3,813 | \$ 3,813 | \$ 7,625 | | 100 |
| | 4 | Plant cuttings | Jun-13 | Sep-13 | \$ 11,210 | \$ 11,210 | \$ 22,419 | | 100 |
| | 5 | Evaluate plantations Year 1 | Nov-13 | Dec-13 | \$ 2,956 | \$ 6,288 | \$ 9,244 | Year 1 summary report | 100 |
| MS 2: AEA accepts Year 1 summary report | | | | | | | | | |
| | 6 | Select and obtain Year 2 cuttings | Mar-14 | Jun-14 | \$ 4,000 | \$ 4,000 | \$ 8,000 | Year 2 planting plan | 100 |
| MS 3: AEA accepts Year 2 planting plan | | | | | | | | | |
| | 7 | Plant and transplant cuttings to Delta site | Jun-14 | Jul-14 | \$ 3,000 | \$ 3,000 | \$ 6,000 | | 100 |
| | 8 | Plant cuttings in rural village | Jun-14 | Sep-14 | \$ 3,000 | \$ 3,000 | \$ 6,000 | | 100 |
| | 9 | Evaluate plantations 2014 | Aug-14 | Oct-14 | \$ 3,500 | \$ 3,500 | \$ 7,000 | Year 2 summary report | 100 |
| MS 4: AEA accepts Year 2 summary report | | | | | | | | | |
| | 10 | Evaluate plantations 2015 | Aug-15 | Oct-15 | \$ 3,500 | \$ 3,500 | \$ 7,000 | | |
| | 11 | Prepare draft project report | Oct-15 | Nov-15 | \$ 4,000 | \$ 4,000 | \$ 8,000 | Draft report | |
| | 12 | Prepare final report | Dec-15 | Dec-15 | \$ 5,234 | \$ 1,902 | \$ 7,136 | Final project report | |
| MS 5: AEA accepts final report | | | | | | | | | |
| | | | | | | | | | |
| Total | | | | | \$ 45,000 | \$ 45,000 | \$ 90,000 | | |

Work Progress:

Personnel and travel costs for evaluation of 2014 plantations. Data and photos were submitted earlier.

Field tour for Mat-Su planting sites was provided to Christopher Pike and Erin Whitney of ACEP on October 16, 2014.

No other activity for this reporting period

Future work:

Field tour will be provided to Diane Haase, US Forest Service-Western Nursery Specialist, in June 2105. This will demonstrate the project to the source of matching funding.

End of summer survival assessment will be conducted in September 2015. Assessment of winter injury and second year survival is needed for publication.

Additional presentations will be given at appropriate venues.

A manuscript will be prepared and submitted to Tree Planters Notes.